

REMARKS

CLAIM OBJECTIONS

2. The examiner has objected to claim 10 because of the following informalities:

Claim 10, line 5, "a printed circuit board" should be --the printed circuit board--.

Claim 10, line 11, "the carrier board" should be --the carrier--.

The applicant respectfully asserts that in the amendments to claims the informalities have been corrected.

DOUBLE PATENTING

3. The examiner has provisionally rejected claims 1-10 under 35 U.S.C. § 101 as the same as claims 1-10 of copending Application No. 10/420,269. Claim 1, 9, and 10 have been amended. Claims 2-6 have been canceled. Claims 7 and 8 depend from amended claim 1. The applicant respectfully asserts that Claims 1, 7, 8, 9, and 10 are no longer identical to claims 1, 7, 8, 9, and 10 of Application No. 10/420,269.

CLAIM REJECTIONS – 35 USC § 102

4. The examiner rejects claims under 35 U.S.C § 102 (b).
5. Claims 1, 7-8, 10, and 22 are rejected under 35 U.S.C. § 102(b) as being anticipated by Mizukoshi (U.S. Patent 5,578,525). The examiner has indicated claim 6 would be allowable if rewritten in independent form. Claim 1 has been amended to include the allowable subject matter of claim 6. The applicant respectfully asserts that claim 1 is in condition for allowance. Claims 7-8 depend from amended claim 1. The applicant respectfully asserts that claims 7-8 are in condition for allowance as claim 1 is in condition for allowance. Claim 10 has been amended to include similar limitations to amended claim 1. The applicant respectfully asserts that claim 10 is in condition for

allowance. Claim 22 depends from claim 1. The applicant respectfully asserts that claim 22 is in condition for allowance.

CLAIM REJECTIONS – 35 USC § 103

6. The examiner rejects claims under 35 U.S.C. § 103(a).
7. Claim 9 is rejected under 35 U.S.C. § 103 (a). Claim 9 has been amended to include similar limitations to amended claim 1. The applicant respectfully asserts that claim 9 is in condition for allowance.
8. Claims 2-5 are rejected under 35 U.S.C. § 103 (a). Claims 2-5 have been canceled.

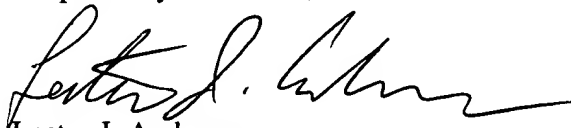
ALLOWABLE SUBJECT MATTER

9. The examiner objects to claim 6 as being dependant upon a rejected base claim. As discussed above, claim 1 has been amended to include the allowable subject matter of claim 6. The applicant asserts that claim 1 is now in condition for allowance.

CONCLUSION

Applicant respectfully submits that all pending claims are now in condition for allowance. If the Examiner would find it useful, the examiner is invited to call the undersigned agent.

Respectfully submitted,



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